

20000926.qrp v01\_n956.qrl.20000926

Date: Tue, 26 Sep 2000 19:03:13 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1956

## QRP-L Digest 1956

Topics covered in this issue include:

- 1) [80214] ICEPAC HF Propagation Software  
by "Mark Fancher" <mmfanche@gateway.net>
- 2) [80215] RIT for MFJ Cub  
by Larry East <w1hue@amsat.org>
- 3) [80216] FS: SWL 20+  
by Maurice L Haynes <kv7g@juno.com>
- 4) [80217] Re: Epiphyte 3 kits. 50 sold, 50 left  
by "Roger K Bassett Jr" <rbassett@pacaccess.com>
- 5) [80218] dem Bees be Hornets?  
by hamjoel@juno.com
- 6) [80219] Re: Unanswerable DX questions...or It was a good QRP week...  
by "Cameron C.R. Bailey" <cbailey@wjtl.net>
- 7) [80220] Re: Epiphyte 3 on 75 meters SSB  
by "Trevor Jacobs" <fxtech@earthlink.net>
- 8) [80221] Have Tubing, Many Thanks  
by "Chuck Carpenter" <w5usj@globeco.net>
- 9) [80222] Re: Desoldering tools  
by "Trevor Jacobs" <fxtech@earthlink.net>
- 10) [80223] FS: Ten-Tec Triton 544 w/PS  
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 11) [80224] Re: QRP-L digest 1955  
by wlfisher@bellatlantic.net
- 12) [80225] Epiphyte 3: Where's the info  
by RadioKOL@aol.com
- 13) [80226] logging programs  
by M Goins <mgoins@usa.net>
- 14) [80227] Re: Unanswerable DX questions...or It was a good QRP week...  
by "ptaber" <ptaber@flash.net>
- 15) [80228] It's so cuuute!  
by n4qa@juno.com
- 16) [80229] Foxhunt Status  
by "Paul R. Valko" <prvalko@oakland.edu>
- 17) [80230] W9GR-2 DSP  
by "James R. Duffey" <jamesd1@flash.net>
- 18) [80231] Winter Fox Hunt Teams  
by w2xn@juno.com
- 19) [80232] SLC Grommet Order

- by Jeff Grudin <grudin@vddb.com>
- 20) [80233] Winter Fox Hunt Teams  
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 21) [80234] KL7H/C6A on 40  
by Macstein@aol.com
- 22) [80235] Vertical parasitic arrays?  
by John AE5X <ae5x@juno.com>
- 23) [80236] Re: Vertical parasitic arrays?  
by "Pastor-KC1DI" <elbc@pivot.net>
- 24) [80237] Re: logging programs  
by "Pastor-KC1DI" <elbc@pivot.net>
- 25) [80238] Red Hot Radio - Not Closed Forever...  
by Dave Fifield <fifield@pacbell.net>
- 26) [80239] "Low Power Amateur Radio Discussion"  
by John R Kirby <n3aaz-qrp@juno.com>
- 27) [80240] Michigan QRP Net  
by ekwik@rtimail.com
- 28) [80241] logging  
by David Heintzleman <pstrdave@kdsi.net>
- 29) [80242] Re: logging  
by "baltimoremd@baltimoremd.com" <baltimoremd@baltimoremd.com>
- 30) [80243] Re: Foxhunt Status  
by Bruce Rattray <rattray@gpfn.sk.ca>
- 31) [80244] Fox Hunt Team Member Change  
by w2xn@juno.com
- 32) [80245] Re: Vertical parasitic arrays?  
by Ray Colbert <w5xe@juno.com>
- 33) [80246] Re: Vertical parasitic arrays?  
by "Matthew Collier/cis/evp/Okstate" <mwc@okstate.edu>
- 34) [80247] Re: Unanswerable DX questions...or It was a good QRP  
by "Gary Lee Phillips" <ka9nzi@arrl.net>
- 35) [80248] Epiphyte 3 kits are sold out!!  
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 36) [80249] FS--Ten-Tec Triton 544 rig/252G PS  
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 37) [80250] Fox Hunt Team Member Change  
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 38) [80251] Re:Epiphyte kits  
by CoreyKc0goa@netscape.net
- 39) [80252] Fox Hunt Team Member Change  
by N10DL@aol.com
- 40) [80253] Re: Apartment Antenna  
by NB6M@aol.com
- 41) [80254] RE: Desoldering tools  
by "Lofstead, Jerry" <Jerry.Lofstead@hboc.com>
- 42) [80255] FS: QRP Rigs for sale  
by "Joe Spencer" <joes@tccd.net>
- 43) [80256] SOLAR UPDATE/TUTORIAL

- by "Paul Harden, NA5N" <na5n@rt66.com>
- 44) [80257] LowFers  
by "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
- 45) [80258] Re:them kits  
by CoreyKc0goa@netscape.net
- 46) [80259] New K1e1 Keyboard now available  
by dave\_epps@juno.com
- 47) [80260] Re: QRP Rigs for sale  
by "Joe Spencer" <kk5na@quadj.com>
- 48) [80261] Dow-Key-What is it  
by larrykosch@glasscity.com
- 49) [80262] RE: ICEPAC HF Propagation Software  
by "Hare, Ed, W1RFI" <w1rfi@arrl.org>
- 50) [80263] Re: Dow-Key-What is it  
by "Karl F. Larsen" <k5di@zianet.com>
- 51) [80264] RE: GDOs  
by "Phinizy, William" <wphinizy@filenet.com>
- 52) [80265] Mint TenTec Corsair II Trade for Argonaut  
by Doug Bankston <dougbankston1@yahoo.com>
- 53) [80266] Re: LowFers  
by Steve Yates <aa5tb@yahoo.com>
- 54) [80267] Antenna Question  
by "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>

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Date: Mon, 25 Sep 2000 19:05:09 -0400  
From: "Mark Fancher" <mmfanche@gateway.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [80214] ICEPAC HF Propagation Software  
Message-ID: <002601c02745\$0fb32800\$16d0193f@GEARemote>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="windows-1255"  
Content-Transfer-Encoding: 7bit

All:

I've been trying to figure out this ICEPAC program that I downloaded from the US Commerce Dept. It seems to be a pretty good program (used by the VOA), but it is very cryptic to me. It came with a manual, but it seems the manual was written for a previous version (very complex batch input procedure).

Does anyone have some sort of "primer" on how to use this software ? If I can figure it out, I couldn't beat the price (free)!

Thanks!  
Mark Fancher, W09G  
mmfanche@gateway.net

-----  
Date: Mon, 25 Sep 2000 17:02:36 -0600  
From: Larry East <w1hue@amsat.org>  
To: qrp-l@lehigh.edu  
Subject: [80215] RIT for MFJ Cub  
Message-ID: <3.0.5.32.20000925170236.009a7480@mail.ida.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Info on adding RIT to the MFJ Cub is now posted on the ARCI web site:  
[http://www.qrparci.org/east/Cub\\_RIT\\_W1HUE.html](http://www.qrparci.org/east/Cub_RIT_W1HUE.html)

72/73,  
Larry W1HUE/7

-----  
Date: Mon, 25 Sep 2000 16:11:48 -0700  
From: Maurice L Haynes <kv7g@juno.com>  
To: qrp-l@Lehigh.EDU  
Subject: [80216] FS: SWL 20+  
Message-ID: <20000925.161148.-873447.1.kv7g@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Small Wonder Labs 20+ in SWL Cabinet

Has: 10 turn pot installed

    Tick 1 keyer

    RIT

Has approx 2 watts output, and is in excellent condition, with all  
paperwork.

P.O. Money order for \$110.00 postpaid and insured.

Please respond to my mindspring address as I only check JUNO once a day.

Thanks

Bud - KV7G - Yuma, AZ

Mailto:kv7g@mindspring.com

Web Page <http://www.qsl.net/kv7g>

-----  
Date: Mon, 25 Sep 2000 16:46:15 -0700  
From: "Roger K Bassett Jr" <rbassett@pacaccess.com>  
To: <ki6ds@dpol.k12.ca.us>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [80217] Re: Epiphyte 3 kits. 50 sold, 50 left  
Message-ID: <000501c0274a\$d1714b20\$59e4edd0@MSN/Roger\_Bassett>

Doug,

Greetings, I'd like to get one of the Epiphyte 3 kits.

Roger K Bassett Jr.  
KH7MR  
3647 33rd ave W  
Seattle WA 98199

73, Aloha  
Roger

-----  
Date: Mon, 25 Sep 2000 19:48:55 -0400  
From: hamjoel@juno.com  
To: qrp-1@lehigh.edu  
Subject: [80218] dem Bees be Hornets?  
Message-ID: <20000925.194956.-230795.1.hamjoel@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

High y'all

I think them bees in my tree out yonder be hornets... seem friendly enough... I went to my neighbors house and he was working on his four wheel drive jeep and these "hornets" was walking around inside it... one even spent time flying about 1/4 inch from my leg and shoulders...

my neighbor says they don't bother him as he works and dat one flying up and down my body seemed friendly... I is just scared of bees... and I understand that makes the body emit sumthin in the air that angers bees... so being scared an't healthy around bees that can bite....

After seeing the bees at my neighbors house beeing peaceful and the temperature going down like a rock in water... I think I might try and turn the antenna and leave the critters be iffin i can...will keep u informationed...

ps

in response to jim hale's posting... (can't resist)

What the Hale, Jim.... u trying to become buy or try lingual with this  
psk, rtty stuff...and what example are u setting with this 70ft high Gain  
Ant...

I tell U Jim... geaux for it man.... I can only get about 40 foots up  
but them wires I got on forty and twenty do millie watts two u  
kneaux...and I could be tempted to point them towards europe and millie  
watt that part of the world...could even change the bands to 15 and ten  
and give u a run for ur Millie Watts

Oh Hale, Jim.... just got # 50 state on 40 ssb.... on this 40 mtr ant...  
trouble is I had to use 10 w on Alaska... so technically got to repeat  
that one.... but then I don't get technical two often....hee hee

just wanted to say good show, Jim... proud of u...

ke1la joel

in maine

beating the drum for Hale, Jim....

---

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<http://dl.www.juno.com/get/tagj>.

---

Date: Mon, 25 Sep 2000 19:56:30 -0400

From: "Cameron C.R. Bailey" <cbailey@wjtl.net>

To: <k9iua@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [80219] Re: Unanswerable DX questions...or It was a good QRP week...

Message-ID: <000201c0274c\$d272a3a0\$5c222940@pavilion>

MIME-Version: 1.0

Content-Type: text/plain;

charset="Windows-1252"

Content-Transfer-Encoding: 7bit

One question at a time, please. ;)

One reason for many of the things you pondered over is the fact that a lot  
of these bands are used for ground wave propation (read local) in areas  
where repeaters for VHF/UHF are lacking.

This is true especially in central America, Carib, and SA.

I know of a few hams who always met on 28.600 USB as a local chit chat  
frequency. Many times DX would break in from out of the blue.

The same goes for the HF packet and digi modes. They are always on!

If more stations would call CQ on a "dead" band, more bands would "seem" to

be open!

Call on the dead bands even if you are QRP.

cam, kt3a

----- Original Message -----

From: "Kevin L Anderson" <k9iua@juno.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Sunday, 24 September, 2000 22:33

Subject: Unanswerable DX questions...or It was a good QRP week...

> G'Day Mates.

>

> It was a good two weeks for QRP DX west of Lake  
> Wobegon, here on the plains where frost now  
> appears at night. I am now up to 69 DXCC entities  
> in my quest to get the 100 log entries needed  
> for the Millenium DXCC, thanks to two  
> European contests and some good conditions  
> on 10 and 15 meters..

>

> In between these elusive contacts, I have time  
> to ponder several unanswerable questions. Just  
> for fun, they are (no, you don't want to answer these):

>

> - why does it seem on totally empty bands (for  
> SSB and CW), I seem to always hear the  
> digital folks? and loud ones at that?

>

> - why are the loudest voice signals, even on  
> dead bands, from folks who are speaking  
> in languages I don't know?

>

> - why do operators seem to go QRT or QSY just  
> when I start calling them? or the band conditions  
> suddenly weaken?

>

> - where are the operators with good ears during  
> contests when I need them outside of a contest?

>

> - why do operators with amplifiers congregate  
> together?

>

> - why are countries suddenly so prevalent on  
> the band once you work them and don't need  
> them anymore for a country in the log?

>

> - why are splits something like +5 kHz, when my  
> RIT can only give me about 1.5 kHz?  
>  
> - do the helpful DX patrol officers really enjoy just  
> sitting there and saying "UP"?  
>  
> No, you don't want to go there from here by trying  
> to answer these question -- I know they are  
> unanswerable and are there just to frustrate me  
> as a part of life.  
>  
> Thanks for reading! Good DX (if you want it)....  
>  
> Cheers/73. Kevin, K9IUA  
> DXCC Watch: 69 in the log Latest countries worked  
> -- Iceland, Denmark, Latvia, Midway Island, Venezuela,  
> Uruquay, Puerto Rico, Grenada, Aland Island,  
> Northern Ireland, Australia, and Alaska.  
>  
> \* \* \* \* \*  
> Kevin Anderson, K9IUA, Lincoln/Bismarck ND  
> e-mail: K9IUA@juno.com Opinions all my own.  
> \* \* \* \* \*  
>  
> -----  
> YOU'RE PAYING TOO MUCH FOR THE INTERNET!  
> Juno now offers FREE Internet Access!  
> Try it today - there's no risk! For your FREE software, visit:  
> <http://dl.www.juno.com/get/tagj>.  
>

-----  
Date: Mon, 25 Sep 2000 18:07:29 -0700  
From: "Trevor Jacobs" <fxtech@earthlink.net>  
To: <ki6ds@dpol.k12.ca.us>, "Low Power Amateur Radio Discussion" <qrp-  
l@Lehigh.EDU>  
Subject: [80220] Re: Epiphyte 3 on 75 meters SSB  
Message-ID: <000701c02756\$2527a600\$6898b2d1@tjacobs>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Doug,  
Any chance of there being a 40m version of this rig or other bands? If  
not, any ideas on how hard it would be to change? BTW the 49er that I tacked



together with the 7040 KHz crystals that I bought from you works great. I have some plans for the next radio. I really like this NE/SA602A device and the data book from Philips (just happened to have it along with a tube of these devices from years ago) has a lot of good application information. You can't beat it for a through hole part. I've got an idea for a small 40m CW rig, and will share it when the design is finished. I'm working on the VFO right now. Back to breadboarding... 73

Trev  
KG6CYN

----- Original Message -----

From: Hendricks, Doug <ki6ds@dpol.k12.ca.us>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Sent: Monday, September 25, 2000 9:54 AM  
Subject: Epiphyte 3 on 75 meters SSB

> Oops, forgot to say that the rig covers 200 kHz on 75 meters, you pick the  
> portion of the band. 72, Doug  
>  
>

-----  
Date: Mon, 25 Sep 2000 20:05:08 -0500  
From: "Chuck Carpenter" <w5usj@globeco.net>  
To: qrp-1@Lehigh.EDU, 50mhz@6mt.com, vhf@w6yx.stanford.edu  
Subject: [80221] Have Tubing, Many Thanks  
Message-ID: <3.0.2.32.20000925200508.006c0b24@mail.globeco.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Wow,

So many replies that I'm going to make this a general thank you to all.

Lots of good suggestions, comments, and ideas for sources of the hobby brass tubing I was looking for.

I didn't mention that I live in the country and am not near the normal and usual sources of such items. The rural hardware and other hobby type stores (speed shops) don't handle such things around here.

It worked out that a member of our local club read the message and was going to make a trip to Ft Worth. He offered to pick up some of the tubing along the way and did. All I had to do was pick it up from him on the way

home from work today. [ I know, I know 8^)..]

I'll summarize the inputs I received and post it later. The info may be useful to someone else who doesn't live around the corner from a hobby or speciality store.

Thanks again to all. The responses are greatly appreciated.

Chuck Carpenter, EM22cv, Point, Rains County, Texas

-----  
Date: Mon, 25 Sep 2000 18:17:53 -0700  
From: "Trevor Jacobs" <fxtech@earthlink.net>  
To: <puntrad@usa.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [80222] Re: Desoldering tools  
Message-ID: <003301c02757\$99bfdd60\$6898b2d1@tjacobs>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Juan,

Personally I prefer desoldering wick/braid especially for through hole multi-layer PCB work. It sucks that solder right up! It's great when you are prototyping a new circuit. The Chemwick stuff is good, but I prefer the stuff I get at a local electronic supply called SOLDER-WICK. It comes on a spool of 100' length and has a blue label. cat # 50-4-100 if that helps. No other info on the spool. I go through one of these rolls about every 2 years, so it lasts for a long time, and I do a lot of work. It's a bit pricey, but well worth it. I don't like the desoldering pumps or the like. They tend to not pull all of the solder out for me. It's personal preference though. 73

Trev  
KG6CYN

----- Original Message -----

From: Juan Ferrari <puntrad@usa.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Sent: Monday, September 25, 2000 12:52 PM  
Subject: Desoldering tools

> Hi gang,

>

> I would like to have some advise on desoldering tools for light jobs.

>  
> Tnx in advance es 73  
>  
> Juan Ferrari  
> KG4FSN  
>  
>  
>

-----  
Date: Mon, 25 Sep 2000 21:34:29 -0400  
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>  
To: QRP-L Discussion Group <QRP-L@Lehigh.edu>  
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>  
Subject: [80223] FS:Ten-Tec Triton 544 w/PS  
Message-ID: <200009252134\_MC2-B4A5-CF58@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: quoted-printable  
Content-Type: text/plain;  
          charset=ISO-8859-1  
Content-Disposition: inline

Gang:

Have decided to part with my excellent Ten-Tec Triton 544 transceiver with  
the matching Ten-Tec 252G power supply. This is an extraordinary rig, with  
a terrific receiver. This is the digital version. Covers 80-10 Metres,  
but not the WARC bands. CW and SSB. Has the narrow CW filter and the  
Noise Blanker. =

Output power can be easily adjusted from the front panel from ZERO watts  
out to QRO levels. =

Both pieces of equipment are very clean in appearance. They operate  
flawlessly. Total for both pieces, shipped insured UPS to the Lower 48 =3D=  
only \$475.00. =

72/73,  
--W.D. (Doc) Lindsey  
DSBF

PO Box 6028  
Bismarck, ND 58506  
(Shipping =3D DSBF, 2020 Lovett Ave, Bismarck, ND, 58504)  
E-Mail =3D K0EVZ@arrl.net

-----  
Date: Mon, 25 Sep 2000 21:38:09 -0400  
From: wlfisher@bellatlantic.net  
To: qrp-l@Lehigh.EDU  
Subject: [80224] Re: QRP-L digest 1955  
Message-ID: <39CFFE01.93423830@bellatlantic.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

please put article numbers on the articles in the text of the QRP-L digest because  
i am having  
trouble finding the articles in the text tnx 73 72 de bill k2gvc

-----  
Date: Mon, 25 Sep 2000 22:01:41 EDT  
From: RadioK0L@aol.com  
To: qrp-l@lehigh.edu  
Subject: [80225] Epiphyte 3: Where's the info  
Message-ID: <f3.2fe7b79.27015d85@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

I've wanted one of these rigs ever since I first read about it, three (four?)  
years ago.. How did I miss the announcement? Can anyone send me the web  
address, pricing, something??

Bill  
KB9K0L

-----  
Date: 25 Sep 00 21:03:42 EST  
From: M Goins <mgoins@usa.net>  
To: qrp-l@LeHigh.EDU  
Subject: [80226] logging programs  
Message-ID: <20000926020342.197.qmail@aw164.netaddress.usa.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII

Content-Transfer-Encoding: quoted-printable

Need some help here. I'm looking for an easy to use logging program that =  
will  
run in win 98 and keep up with contacts on multimodes (CW, SSB, PSK). Doe=  
sn't  
have to be elaborate, but does need to be cheap (or free/shareware/etc.).=  
What  
is anyone using and are you happy with it?

thanks.

mike  
wb5yjx  
K2621  
QRP #2130

-----  
Get free email and a permanent address at <http://www.amexmail.com/?A=3D1>

-----  
Date: Mon, 25 Sep 2000 20:11:26 -0600  
From: "ptaber" <ptaber@flash.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [80227] Re: Unanswerable DX questions...or It was a good QRP week...  
Message-ID: <000801c0275f\$14a7ede0\$09068c82@abq.sc.philips.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> Actually, I think many of these questions are answerable(see below)

Which only leaves the question, "How many hams does it take to get a joke?"

I was once on an airplane where the stewardess expressed surprise that my  
companion and I were engineers. "Usually engineers spend all their time  
telling me why the plane stays up," she said.

>>>=>PStJTT (NM5A)

-----  
Date: Mon, 25 Sep 2000 22:47:23 -0400  
From: n4qa@juno.com

To: qrp-1@Lehigh.EDU  
Subject: [80228] It's so cuuute!  
Message-ID: <20000925.224727.-121105.0.n4qa@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Well, gang...

Finally got around to putting the DSW-40 into that spiffy blue-anodized enclosure.

Been running the DSW butt-naked for four months now. It is just so cute ! When I finished the assembly this evening, I took DSW out to the pickup where HW-8 was sitting on the bench seat... I never would have thought that someday the HW-8 would dwarf

a new rig of mine... yeah , I know, I'm comparing the size of a four-band rig to a single bander but, Geez! the DSW takes up about one-tenth the volume that the HW-8 does!

I know that the guys at work are gonna ask "Where's your radio, Bill?" and I'll just have to point and say that it's that little blue thang next to the Bencher paddles!

Gonna take her out for a shakedown cruise to and from work Tuesday.

I'm sorry...this is just the CUTEST radio I have ever seen... attaboy,

Dave!... attaboy, Doug!

73-1,

Bill, N4QA

-----  
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<http://dl.www.juno.com/get/tagj>.

-----  
Date: Mon, 25 Sep 2000 23:21:33 -0400 (EDT)  
From: "Paul R. Valko" <prvalko@oakland.edu>  
To: QRP List <qrp-1@lehigh.edu>  
Subject: [80229] Foxhunt Status  
Message-ID: <Pine.OSF.4.21.0009252310200.14558-1000000@saturn3.acs.oakland.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Today I received two more emails asking about this year's Foxhunt.

If it was not made clear, I deeply apologize. This year the QRP-L Foxhunt is going to be run by the same team that put together the wildly successful "Summer" Foxhunt. Yours Truly, W8KC aka "Momma Fox" is officially retired.

The team is putting together the final version of the rules. There should be an announcement shortly - but it'll be from the team - not me.

Thanks to EVERYONE who foxed, hounded, or otherwise made the QRP-L Foxhunt the greatest operating event in QRP-L history. I love you guys, and gal (Mary).

Warm and 73!

Mom

aka =paul= W8KC

Collector of Ten\*Tecs and other fine plastics.

Visit the Virtual Ten\*Tec Museum at:

<<http://www.acs.oakland.edu/~prvalko>>

-----  
Date: Mon, 25 Sep 2000 21:35:29 -0600  
From: "James R. Duffey" <jamesd1@flash.net>  
To: qrp-l <qrp-l@lehigh.edu>  
Subject: [80230] W9GR-2 DSP  
Message-ID: <B5F575A0.2AE5%jamesd1@flash.net>  
Mime-version: 1.0  
Content-type: text/plain; charset="US-ASCII"  
Content-transfer-encoding: 7bit

All - Many of you know that I collect audio filters. At last count I have 9.

I recently picked up a W9GR-2 DSP. This is the revised unit from the original September 92 QST article which contains all of the different filters in a single ROM. The original article had the same filters, but only one filter per ROM. The - 2 has 10 filters in a single ROM. It is not the - 3 model that has been advertised in Ham magazines the last few years. The -3 has improved ergonomics and CW filter choices.

I paid \$30 for the filter. It was built from a kit and in an enclosure that was provided by the builder. The buyer said it worked and when I got it home it did.

It has an automatic denoiser, an automatic notch filter, 200 Hz CW filters centered at 400, 600, 750, and 1000 Hz, a 30 Hz filter at 750 Hz, and an HF

packet/RTTY filter. There are no narrow SSB filters.

The ergonomics are not particularly convenient. Switching modes requires two switches to be thrown three times and you must wait for the proper mode to appear in the LED display. It is not possible to switch modes on the fly, which makes comparing different modes difficult.

Having said that, the denoiser is very nice, nearly transparent in that it does not significantly color the signal being received. It is much better than the Timewave 9 which I have in this respect. The denoiser is very nice for weak to moderate signal SSB work. Noisy signals appear to have broadcast quality.

Unfortunately, the denoiser is not available in conjunction with the narrow CW filters. However, CW signals sound surprisingly good with the denoiser used and selectivity provided by a filter in the rig or another audio filter.

The CW filters are good, and compare well with the Timewave. However, I would prefer a filter centered at 500 Hz or 550 Hz rather than the 400, 600, 750, or 1000 Hz offered, but the Timewave has this problem as well. Many QRP transceivers have CW filters that are centered at 700 Hz, and many ops like this center frequency, so this may not be a major concern. There is more "noise" character to the W9GR CW filters than the Timewave has. The Timewave 100 Hz and 200 Hz filters sound almost like listening to a code practice oscillator. Not everybody likes to listen to CW this way, but for casual operating like ragchewing I like it. For contest work, I like to hear a bit of noise.

The 30 Hz wide 750 Hz filter is amazing. Signals that are barely discernable at normal bandwidth are clearly readable at the narrow bandwidth. There is no ringing. However I do not like to listen to weak signals at this high pitch, so I will probably not use it much. There is still noise audible at this narrow bandwidth, and I am not sure that I like it better than the Timewave 100 Hz position.

I have not tried to use the RTTY, Packet filters, but will do so later.

I like the filter. I will use it for SSB work, and in conjunction with the Timewave or Datong FL-3 to get the CW selectivity at the frequency I like and the nice denoiser of the W9GR filter.

At high volume levels some clock feedthrough is evident in the speaker. During normal operation it is not too noticeable. A bandpass filter following the W9GR will eliminate this effect.

The filter has uses an 8 bit ADC. There is no AGC function in the DSP. There is an LED bargraph that displays the signal level. Manual adjustments to the input signal are required to avoid saturating the A/D. In operation I did



not find these limitations a problem.

The filter draws 500 mA at 12 V, so it is not quite ready for portable use. It is substantially less than the 1 A that the Radio Shack DSP and the Timewave 9 draw though!!

At \$30 this was a good buy. It is a particularly nice filter if you like to operate SSB or RTTY. I would recommend it if you can get one at \$50 or less. I do not see them often at Hamfests, but if you want to play with DSP this is a good inexpensive way to do it.

If you have one of these and need a manual for it I obtained one with mine and can make you a copy.

I hope that this is of interest. - Dr. Megacycle KK6MC/5

--

James R. Duffey KK6MC/5  
30 Casa Loma Road  
Cedar Crest, NM 87008

-----  
Date: Mon, 25 Sep 2000 23:39:11 -0400  
From: w2xn@juno.com  
To: qrp-1@lehigh.edu  
Subject: [80231] Winter Fox Hunt Teams  
Message-ID: <20000925.233919.-759383.13.w2xn@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

OK, someone tell me whom do I inform of a change in the membership of one of the Fox Hunt Teams for the upcoming winter season ?

I can't find the previous postings about the teams.

fred w2xn  
Lakeland FL  
One of those "Swamp Rats" guys.

-----  
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<http://dl.www.juno.com/get/tagj>.  
-----

Date: Mon, 25 Sep 2000 21:19:14 -0700  
From: Jeff Grudin <grudin@vdbbs.com>  
To: qrp-l@lehigh.edu  
Subject: [80232] SLC Grommet Order  
Message-ID: <39D023C2.19E3559D@vdbbs.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Regarding the W0NVN SLC Coil. I want to publicly thank Andy for sharing this great design. Many have ordered the parts and will have fun building your coils. It is through the sharing of each others ideas that we all benefit, and develop new designs.

I have sent email instructions to all who I have orders from. If you have not received the email please let me know.

--  
73 de AC6KW <mailto:grudin@vdbbs.com>  
Jeff Grudin, DVM Web Add: <http://www.vdbbs.com/~grudin>  
Ocean Animal Clinic / Cat Clinic of Santa Cruz - Santa Cruz, California  
Norcal QRP #1292 QRP-L #16 ARS #351 AR Qrp #131

-----  
Date: Tue, 26 Sep 2000 00:54:49 -0400  
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>  
To: "INTERNET:w2xn@juno.com" <w2xn@juno.com>  
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group <QRP-L@Lehigh.edu>  
Subject: [80233] Winter Fox Hunt Teams  
Message-ID: <200009260054\_MC2-B4A7-21B5@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: quoted-printable  
Content-Type: text/plain;  
charset=ISO-8859-1  
Content-Disposition: inline

Fred:

I believe you should write Bruce Rattray about this. He is the one who tracks the status of the teams. His e-mail is =3D rattray@gpfn.sk.ca. G=  
L  
with your team :-).

72/73,  
--W.D. (Doc) Lindsey

DSBF  
PO Box 6028  
Bismarck, ND 58506  
(Shipping =3D DSBF, 2020 Lovett Ave, Bismarck, ND, 58504)  
E-Mail =3D K0EVZ@arrl.net

-----  
Date: Tue, 26 Sep 2000 01:06:09 EDT  
From: Macstein@aol.com  
To: qrp-l@lehigh.edu  
Subject: [80234] KL7H/C6A on 40  
Message-ID: <ac.ada38d1.270188c1@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Hi gang!

I just had a super chat with Bruce, KL7H/C6A in the Bahamas. He's using a 2 watt homebrew two/tube txmtr and is listening on a TS 450 (I think) while he is finishing up his regen rxvr. He only had two crystals for 40 and that murderous noise on 7.040 forced us up 10. What a fun time! 579s both ways, but FL isn't too ruff even with the noise! Sure was different than listening for him from Fairbanks!!! I wondered how he got away with building the regen on his vacation, but he said his XYL was a ham! Mine would not be a happy camper.

I'm scrounging for regen parts and will tackle that after the multi-pig rig.

THANKS BRUCE!

72 es "oo"  
-MAC-  
AF4PS  
Odessa, FL "Home of the Infamous Attic Dipole" and K2 #643

QRP-L #704, FISTS #5096, CC #754, NorCal #1998, Zombie #510,  
ARCI #9843, AR QRP #257, HI QRP #83, Whiners #5, SOC #28,  
West FL QRP, TARC, ARS #751, Flying Pig QRP #-51  
and various other annual \$15 commitments.

-----  
Date: Tue, 26 Sep 2000 05:29:10 -0400 (EDT)  
From: John AE5X <ae5x@juno.com>  
To: qrp-l@lehigh.edu

Subject: [80235] Vertical parasitic arrays?  
Message-ID: <390092571.969960550950.JavaMail.root@web345-wra.mail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Good mornin,

I've searched the Handbook and the ARRL Antenna Book and can find no info on parasitic elements for 1/4-wave verticals. I recently put up a 33' homebrew vertical for 40m made out of aluminum tubing.

The idea occurred to me that if I put up a similar vertical element/ground radials (5% taller or shorter) and spaced it .15 - .20 wavelengths away, I could achieve some gain on 40m. I'm not talking about a phased array - the 2nd element would not be fed but would act as either a reflector or director, as in a Yagi.

Has anyone done this or know of what kind of gain could be expected from the addition of 1 or 2 parasitic elements? All elements would be ground-mounted - maybe this would neutralize the gain that would normally be achieved with a multi-element system (and this is why I can't find any info on such a system!)?

Thanks for any info or sources. 72,

John Harper AE5X  
<http://home.att.net/~j..harper>

-----  
Date: Tue, 26 Sep 2000 06:25:11 -0400  
From: "Pastor-KC1DI" <elbc@pivot.net>  
To: <ae5x@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [80236] Re: Vertical parasitic arrays?  
Message-ID: <007201c027a4\$0e04f6a0\$0100a8c0@elbc>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "John AE5X" <ae5x@juno.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Tuesday, September 26, 2000 5:29 AM  
Subject: Vertical parasitic arrays?

> Good mornin,  
>  
> I've searched the Handbook and the ARRL Antenna Book and can find no info  
on  
> parasitic elements for 1/4-wave verticals. I recently put up a 33'  
homebrew  
> vertical for 40m made out of aluminum tubing.  
>  
> The idea occurred to me that if I put up a similar vertical element/ground  
> radials (5% taller or shorter) and spaced it .15 - .20 wavelengths away, I  
> could achieve some gain on 40m. I'm not talking about a phased array - the  
> 2nd element would not be fed but would act as either a reflector or  
> director, as in a Yagi.  
>  
> Has anyone done this or know of what kind of gain could be expected from  
the  
> addition of 1 or 2 parasitic elements? All elements would be  
ground-mounted  
> - maybe this would neutralize the gain that would normally be achieved  
with  
> a multi-element system (and this is why I can't find any info on such a  
> system!)?  
>  
> Thanks for any info or sources. 72,  
>  
> John Harper AE5X

HI John,

I've done it before and as I remember , this was awhile ago it worked ok.  
think the gain factor was abt 3 to 5 db.  
I used a second element that was cut as a director and mounted about .21/w.  
then I could tune it as a refeltor by adding a coil at the base to tune it.  
It wasn't up long because I was in the service then and they moved me to new  
location where there was no room for such an array.  
hope this helps with some Ideas.. another thought I had was to use the two  
ground mounted elements as part of a Half Square aray.. then switching  
between differing elements for different compass directions. Lots of  
Possibilities here..  
73 Dave Kc1di

-----

Date: Tue, 26 Sep 2000 06:37:48 -0400  
From: "Pastor-KC1DI" <elbc@pivot.net>  
To: <mgoins@usa.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [80237] Re: logging programs  
Message-ID: <007a01c027a5\$d3a3fa40\$0100a8c0@elbc>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Give Logger a try it's free works Great.  
You can down load it from <http://www.itis.net/golist/download.htm>

73 dave

----- Original Message -----

From: "M Goins" <mgoins@usa.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Monday, September 25, 2000 10:03 PM  
Subject: logging programs

> Need some help here. I'm looking for an easy to use logging program that  
will  
> run in win 98 and keep up with contacts on multimodes (CW, SSB, PSK).  
Doesn't  
> have to be elaborate, but does need to be cheap (or free/shareware/etc.).  
What  
> is anyone using and are you happy with it?  
>  
> thanks.  
>  
> mike  
> wb5yjx  
> K2621  
> QRP #2130  
>  
>  
> -----  
> Get free email and a permanent address at <http://www.amexmail.com/?A=1>  
>

-----  
Date: Tue, 26 Sep 2000 03:49:34 -0700  
From: Dave Fifield <fifield@pacbell.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [80238] Red Hot Radio - Not Closed Forever...

Message-ID: <005a01c027a7\$75bcc0e0\$0600a8c0@pacbell.net>

MIME-version: 1.0

Content-type: text/plain; charset="iso-8859-1"

Content-transfer-encoding: 7bit

Hi Folks,

I heard a couple of rumors that some people thought that Red Hot Radio had closed up for more than just the summer. Not so! We have been swamped working on our new house remodel and moving in. We are now moved but some of our stuff (including all the Red Hot Radio stuff) is still at the old house. We should have it all moved and sorted in the next couple of weeks. Hence:

Red Hot Radio Will Open Again  
At Pacificon 2000. We will be  
accepting orders by mail following  
Pacificon 2000.

If you bring your Red Hot Radio NC20 or RH40 along to Pacificon on Saturday evening, after the SMK-1 operating event, we will give you a free Red Hot Radio T-Shirt to put on for a photo-shoot of everyone holding their Red Hot Radio rigs.

Legal stuff: Must be present, with Red Hot Radio rig, to get the T-Shirt free (NorCal club kits welcome, but no free T-Shirt, sorry). By accepting the free T-Shirt, you agree to be photographed as part of the "owners group" and allow us to use your image as captured in the group photograph in our advertising. In the advertising, you may be identified by name and callsign.

Any spare T-Shirts left over will be available at \$12 each.

This is a one-time Pacificon 2000 only event, however, if there is enough interest, we may consider a line of high quality logo-wear.

Regards,  
Dave Fifield, AD6A  
<http://www.redhotradio.com>

-----  
Date: Tue, 26 Sep 2000 08:15:26 +0000  
From: John R Kirby <n3aaz-qrp@juno.com>  
To: qrp-1@Lehigh.EDU  
Subject: [80239] "Low Power Amateur Radio Discussion"  
Message-ID: <20000926.081537.-67913.1.n3aaz-qrp@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

C O N G R A T U L A T I O N S ! ! !

List es Jim - KJ5TF -

Congratulations go . . .

\* First . . . to Jim for an OUTSTANDING Job Well Done . . .  
Thanks for sharing, I KNOW you had FUN . . .  
yet another facet to this marvelous hobby.

\* \* Second . . . to this \* NEW \* List for not J U M P I N G all over  
Jim re his post.

I still remember the "thrashing" sent me several years ago re topic RTTY  
and  
again my second worst "sting" from the list a couple years ago re subject  
BALUN,

WOW . . .

how things change : >))  
let me suggest some  
good XXXX no,  
excellent XXXXXXXXXX no,  
OUTSTANDING "Low Power Amateur Radio Discussion" . . .

From: Jim Hale <kj5tf@yahoo.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Date: Mon, 25 Sep 2000 08:36:56 -0700 (PDT)  
Subject: CQWW RTTY contest QRPP

. . . and it goes NOT without saying,

\* \* several other "pats on the back" are in order here too, thanks. \* \*



John  
N3AAZ  
FM19xa  
00TC 3781

-----  
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<http://dl.www.juno.com/get/tagj>.

-----  
Date: Tue, 26 Sep 2000 08:16:06 -0400  
From: ekwik@rtimail.com  
To: qrp-1@Lehigh.EDU  
Subject: [80240] Michigan QRP Net  
Message-ID: <0FD42040BD.6E4162A3-0N85256966.00426124@rtimail.com>  
MIME-Version: 1.0  
Content-type: text/plain; charset=us-ascii

A reminder that the Michigan QRP net meets each Tuesday night at 9:00 PM Eastern time on 3.535 Mhz. All check ins are welcome. NCS is AB8DF. When you hear 'QNI? K' send your call. That's all there is. the NCS will acknowledge your call and ask you to standby 'YOURCALL AS'. When no more stations come back to the 'QNI? K' query, the NCS will send a list of all stations that have checked in. If you do not hear your call, try to check in at the next 'QNI? K'. NCS will be AB8DF. Hope to hear you.

Ed AB8DF

-----  
Date: Tue, 26 Sep 2000 12:17:44 +0100  
From: David Heintzleman <pstrdave@kdsi.net>  
To: qrp-1@Lehigh.EDU  
Subject: [80241] logging  
Message-ID: <39D085D8.631F0EE4@kdsi.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi, early this morning there was a post mentionning "Logger" software, a free program available at [www.itis.net/golist](http://www.itis.net/golist) - went to site, only thing available was a download to upgrade previous version. What did I miss?  
thanks  
Dave



"QRP! How sweet it is!" oo#148 "I am da man wit "DAH" paddle!"

-----  
Date: Tue, 26 Sep 2000 09:41:01 -0400  
From: w2xn@juno.com  
To: qrp-1@lehigh.edu  
Subject: [80244] Fox Hunt Team Member Change  
Message-ID: <20000926.094104.-728951.1.w2xn@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I would like to publicly tell Mac, AF4PS, that his consideration for the Swamp Rats for the upcoming Fox Hunt Season is appreciated. Mac had to step down for this winter season due to heavy work committments and didn't want to hold back the Swamp Rats team by missing fox hunts. Mac will be hunting when he is available. Still look for him, you can't miss his mighty signal from that "infamous attic dipole".

Thank you, Mac, for keeping the Swamp Rats in mind.

And, good luck in the hunts.

Fred w2xn #1728  
lakeland, fl

-----  
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<http://dl.www.juno.com/get/tagj>.

-----  
Date: Tue, 26 Sep 2000 08:00:01 -0600  
From: Ray Colbert <w5xe@juno.com>  
To: ae5x@juno.com  
Subject: [80245] Re: Vertical parasitic arrays?  
Message-ID: <39D0ABE1.44AAC3FD@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

In the May 1978 CQ magazine, Antennas Column by Bill Orr, shows a vertical design by G3XAP, single 1/4 wave vertical with a single wire coming off the top to make

it resonate at 3/4 wave, and the wire slope makes the antenna unidirectional. This as well as other vertical parasitic systems have appeared in Amateur Techniques section or RSGB Bulletin/RadCom, and other RSGB publications. In a mid-70's article in 73 magazine (month and year unknown as WG was saving money on ink) Phil Rand, W1DBM had an article on an 8 element 20 meter vertical system. He went thru the basics of doing the single vertical, vertical with parasitic elements and finally going to an all driven system. I realize, however, that you are looking for parasitic info but the comparison info you may find helpful. And also in the mid-70's again in 73, W2OZH had some vertical parasitic systems written up as well as driven arrays. Mostly for 80 and 40, suspended from a tower. There was also a 20 meter system (I can't find my reference at the moment) which consisted of a driven element, with a ground radial connected between it and a parasitic element, in the article - director - and the spacing was approximately 1/8 wave. Indicated info was that a 3 db change was there. Never tried it so can't say for sure. And finally, another source of info is Moxon's HF Antennas for All Locations, wherein he delves into both parasitic vertical arrays and driven systems. In most of my readings over the years, the more interesting and practical antennas have NOT been in the ARRL publications.

--

"Politicians are like nappies. Both should be changed regularly -- and for the same reason"

"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, 00TC#3618, SOWP#1064M SOC#78 fp #111  
NCT2 (also w5xe@juno.com El Paso, (FAR WEST) TEXAS

-----  
Date: Tue, 26 Sep 2000 09:05:25 -0500  
From: "Matthew Collier/cis/evp/Okstate" <mwc@okstate.edu>  
To: qrp-l@Lehigh.EDU  
Subject: [80246] Re: Vertical parasitic arrays?  
Message-ID: <0FDF7A98DD.83C9A74F-ON86256966.004C4E7D@cis.okstate.edu>  
MIME-Version: 1.0  
Content-type: text/plain; charset=us-ascii

The following link details some antenna modifications that might be just what you're looking for.

<http://www.yccc.org/Features/Spitfire/spitfire.htm>

I have no experience with this setup (or any other for that matter), but I've been eyeballing it now for about a month. Please let me know if it works for you.

73's de Matthew Collier (...waiting for the callsign, and building a Pixie II)

-----  
Date: Tue, 26 Sep 2000 09:48:18 -0500  
From: "Gary Lee Phillips" <ka9nzi@arrl.net>  
To: qrp-l@Lehigh.EDU  
Subject: [80247] Re: Unanswerable DX questions...or It was a good QRP  
Message-ID: <200009261448.JAA09623@mail.lib.colum.edu>

One reason for so many "digital" signals on otherwise quiet bands this weekend would have been the contest (CQ/RJ Wordwide RTTY, a once a year event) that was in progress at the time of your message. It allowed just about every digital mode except PSK-31 (dunno why they excluded that one, probably just behind the times) and is a very popular event.

My answer to that problem is "if you can't lick 'em, join 'em". Conditions were excellent for QRP RTTY, as many have already observed for CW and SSB. I made well over 100 contacts, most of them DX, in a few odd hours of operating time. Added ten new countries, three needed states (including SD, yay) and PEI (VY2) to my log.

I was meaning to add my propagation observations to the discussion anyway. I seem to have a regular pipeline to eastern and central Europe whenever there's an opening on 15 or 10 meters. I suppose it's a function of my antenna (though the antenna in use this last weekend is three times higher and oriented NNW-SSE as oppose to the old one which ran NNE-SSW and still gets similar results, just more of them), my location, and my likely operating times (weekend mornings more than anything else.) As many have already noted, this last weekend was a good one.

But my "unanswerable" question is this: Why can I work multiple Russians, Ukrainians, Slovenians, Poles, Czechs, etc. yet never hear a single peep out of Africa or the Middle East? Surely my antenna (G5RV at about 35 feet)

isn't all that directional. Over this hot DX weekend I heard only one African (a ZS) and one UAE (A5 I think) and one Israeli (4X) and could not raise any of them. Distance alone isn't it, since I worked two JA's, a ZL, and several Siberians. Even managed to work one country I'd never heard of: T88SW in the Republic of Belau. By his zone, I assume Belau is a reincarnation of the island group I learned as "Palau" when I was in school...

Still hoping to make the 100 for the ARRL Millenium certificate, but I've got 34 to go at this point. And the closest I've been to Africa this year is CT3 (Madeira) which, although it would count for a WAC I guess, hardly counts as Africa in my mind. (Also a couple of EA8's but I'm not sure whether they count as Africa or Europe.)

-- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>  
KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg  
QRP-L #2124 <http://www.qsl.net/ka9nzi/>

-----  
Date: Tue, 26 Sep 2000 08:09:12 -0700  
From: [ki6ds@dpol.k12.ca.us](mailto:ki6ds@dpol.k12.ca.us) (Hendricks, Doug)  
To: <[qrp-l@lehigh.edu](mailto:qrp-l@lehigh.edu)>  
Subject: [80248] Epiphyte 3 kits are sold out!!  
Message-ID: <01c027cb\$ba92c880\$330b0d0a@dhendricks>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Guys, the NorCal Epiphyte 3 SSB kits have all been sold. It took less than 24 hours, whew!! We will ship in about 2 weeks. Thanks for the interest and support. Please send your order number and a check or money order to Jim Cates right away. Jim's address is:

Jim Cates  
3241 Eastwood Road  
Sacramento, CA 95821

Please remember to enclose a self addressed mailing label, and make the check out to Jim Cates, not NorCal. 72, Doug

-----

Date: Tue, 26 Sep 2000 11:15:25 -0400  
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>  
To: Ten Tec Relector <TenTec@contesting.com>  
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group  
<QRP-L@Lehigh.edu>  
Subject: [80249] FS--Ten-Tec Triton 544 rig/252G PS  
Message-ID: <200009261115\_MC2-B4BD-660@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: quoted-printable  
Content-Type: text/plain;  
charset=ISO-8859-1  
Content-Disposition: inline

Gang:

Have decided to part with my excellent Ten-Tec Triton 544 transceiver with  
the matching Ten-Tec 252G power supply. This is an extraordinary rig, with  
a terrific receiver. This is the digital version. Covers 80-10 Metres,  
but not the WARC bands. CW and SSB. Has the narrow CW filter and the  
Noise Blanker. =

Output power can be easily adjusted from the front panel from ZERO watts  
out to QRP levels. The rig is excellent for QRP operation and chasing  
FOXes.

Both pieces of equipment are very clean in appearance. They operate  
flawlessly. Total for both pieces, shipped insured UPS to the Lower 48 =3D=  
only \$475.00. =

72/73,  
--W.D. (Doc) Lindsey  
DSBF  
PO Box 6028  
Bismarck, ND 58506  
(Shipping =3D DSBF, 2020 Lovett Ave, Bismarck, ND, 58504)  
E-Mail =3D K0EVZ@arrl.net

-----

Date: Tue, 26 Sep 2000 11:15:22 -0400  
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>  
To: "INTERNET:w2xn@juno.com" <w2xn@juno.com>  
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group

<QRP-L@Lehigh.edu>  
Subject: [80250] Fox Hunt Team Member Change  
Message-ID: <200009261115\_MC2-B4BD-658@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: quoted-printable  
Content-Type: text/plain;  
charset=ISO-8859-1  
Content-Disposition: inline

Fred:

Well put, OM, and I also want to commend Mac for his positive spirit and excellent operating skills. It was a pleasure to serve alongside him on the Swam RATS this summer, and I wish him well.

72/73,  
--W.D. (Doc) Lindsey  
DSBF  
PO Box 6028  
Bismarck, ND 58506  
(Shipping =3D DSBF, 2020 Lovett Ave, Bismarck, ND, 58504)  
E-Mail =3D K0EVZ@arrl.net

-----  
Date: Tue, 26 Sep 2000 11:24:36 -0400  
From: CoreyKc0goa@netscape.net  
To: qrp-l@lehigh.edu  
Subject: [80251] Re:Epiphyte kits  
Message-ID: <13E45D40.08CA9E2A.372D3D6F@netscape.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Now the obvious question....When ya gonna have more of em?

.....Craig....KC0G0A

-----  
Date: Tue, 26 Sep 2000 11:36:44 EDT  
From: N10DL@aol.com  
To: qrp-l@lehigh.edu  
Subject: [80252] Fox Hunt Team Member Change  
Message-ID: <ae.b0394a9.27021c8c@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit



Ditto....Mac has a great knack for pulling out the DX guy I can never hear.  
and a great fists at that.

Always a pleasure to work you Mac...

Aron

N10DL/qrp

Beford, NH

QRP-L#1326 FISTS# 4110

FPQRP#122

SOC#10 and all the others....

-----  
Date: Tue, 26 Sep 2000 12:16:40 EDT

From: NB6M@aol.com

To: qrp-l@lehigh.edu

Subject: [80253] Re: Apartment Antenna

Message-ID: <4a.b55e23a.270225e8@aol.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

Take a look at the Portable Antenna in August, 1998 QST, page 44. It is easy and cheap to build, and would clamp to your balcony rail. With just a little bit of disguising, the lower portion with the loading coil could be left in place, and then only the upper radiator, which sits in a socket, would need to be removed and replaced for operation.

I have built one and had good success with it on 40, 30, and 20 in portable situations.

72

Wayne NB6M

-----  
Date: Tue, 26 Sep 2000 12:14:07 -0400

From: "Lofstead, Jerry" <Jerry.Lofstead@hboc.com>

To: "'fxtech@earthlink.net'" <fxtech@earthlink.net>, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [80254] RE: Desoldering tools

Message-ID: <95CB658F8515D211B84B00805FA7286603324374@atlexc02ntms.hboc.com>

MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"

FYI, Solder Wick is the "original" the others are copies...

Jerry

W3CDE

-----Original Message-----

From: Trevor Jacobs [mailto:fxtech@earthlink.net]  
Sent: Monday, September 25, 2000 9:18 PM  
To: Low Power Amateur Radio Discussion  
Subject: Re: Desoldering tools

Hi Juan,

Personally I prefer desoldering wick/braid especially for through hole multi-layer PCB work. It sucks that solder right up! It's great when you are prototyping a new circuit. The Chemwick stuff is good, but I prefer the stuff I get at a local electronic supply called SOLDER-WICK. It comes on a spool of 100' length and has a blue label. cat # 50-4-100 if that helps. No other info on the spool. I go through one of these rolls about every 2 years, so it lasts for a long time, and I do a lot of work. It's a bit pricey, but well worth it. I don't like the desoldering pumps or the like. They tend to not pull all of the solder out for me. It's personal preference though. 73

Trev  
KG6CYN

----- Original Message -----

From: Juan Ferrari <puntrad@usa.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Sent: Monday, September 25, 2000 12:52 PM  
Subject: Desoldering tools

> Hi gang,  
>  
> I would like to have some advise on desoldering tools for light jobs.  
>  
> Tnx in advance es 73  
>  
> Juan Ferrari  
> KG4FSN  
>  
>  
>

-----

Date: Tue, 26 Sep 2000 11:36:27 -0500

From: "Joe Spencer" <joes@tccd.net>  
To: "QRP-L Discussion" <qrp-l@Lehigh.EDU>  
Subject: [80255] FS: QRP Rigs for sale  
Message-ID: <015501c027d7\$eadc6c60\$5901060a@us95305252>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

... Two NN1G radios for sale .

1. SWL-30 works fine .. In a SWL Enclosure. .  
Looks good...works good. .... Price: \$70.00 plus S/H.

2. SWL-20 Kit - Unbuilt - ( you supply enclosure)  
Price: \$45.00  
plus S/H.

Please do not respond to the list... E-MAIL me direct: kk5na@quadj.com

Joe KK5NA

-----  
Date: Tue, 26 Sep 2000 10:59:08 -0600 (MDT)  
From: "Paul Harden, NA5N" <na5n@rt66.com>  
To: qrp-canada@lists.gpfn.sk.ca, qrp-l@lehigh.edu  
Cc: gqrp@onelist.com  
Subject: [80256] SOLAR UPDATE/TUTORIAL  
Message-ID: <Pine.SUN.4.10.10009261011140.27610-100000@shell.rt66.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,  
Nothing really exciting is happening except for the largest active  
region of sunspots on the sun this solar cycle. This should be  
producing some MAJOR flares, but thusfar, very quiet.

SOLAR FLUX is in the 220 region, sufficiently high for good DX  
propagation on the higher bands, including 10M daylight hours.

The GEOMAGNETIC FIELD is quiet, meaning good evening conditions on

40 and 80M. The arrival of a CME wednesday is expected to unsettle things for a few hours, but no major storming is expected.

In short, conditions on HF remain quite nice.

Yesterday's solar report contains some "buzz words" not often seen, for which I thought I would explain for those interested below.

-----

> JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
> SDF NUMBER 269 ISSUED AT 2200Z ON 25 SEP 2000

> IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 24/2100Z  
> TO 25/2100Z: SOLAR ACTIVITY WAS MODERATE. REGION 9166 (S12W70)  
> PRODUCED AN M3/1N FLARE AT 25/0053Z AND SEVERAL MINOR C-CLASS FLARES

> REGION 9169  
> (N11W22) PRODUCED AN M1 FLARE AT 25/0215Z WITH MODERATE CENTIMETRIC  
> BURSTS INCLUDING A 450SFU TENFLARE.

Region 9169 is the HUGE active region on the sun ... the largest this solar cycle. It is now located east of the meridian, but still in position that any major flaring will still effect the earth over the next two days.

CENTRIMETRIC BURSTS means that as the shockwave from the M1 flare traveled outward from the sun, it produced RF bursts in the hundreds of MHz region. Since it did not produce bursts at lower frequencies, it means the shockwave was weak, probably not strong enough to escape the suns magnetic field.

450SFU TENFLARE means the radiation from this flare was measured at 450 solar flux units. Solar flux, those numbers we see everyday, like solar flux = 230, is measured at 10cm wavelength, or 2880 MHz. This frequency is used as it is not attenuated by our atmosphere, it is seldom effected by flare activity, and thus represents the "steady state" output power of the sun. However, once in awhile, a flare does seem to produce momentary power at 2880MHz. When a flare contaminates the 2880MHz/10cm solar flux reading, it is known as a TENFLARE. It basically means that the solar flux reading for that day is a bit higher than the steady state solar power for that day, contaminated by the flare.

> A CME WAS ALSO OBSERVED. SOME  
> DECAY WAS NOTED IN THIS LARGE AND MODERATELY COMPLEX REGION WHICH

> NOW MEASURES 1400 MILLIONTHS OF WHITE LIGHT AREA.

The CME from this M1 flare is heading towards the earth. It is not expected to trigger any major geomagnetic storming, but when the shockwave arrives, it will likely make conditions a bit rocky for a few hours, but nothing serious.

Most active regions on the sun are a few hundred millions of the solar surface. 1400 millions is thus pretty darn big! It will rotate out of a view in a few days, but it COULD re-emerge on the western limb of the sun in two more weeks. Such large areas have been known to survive several solar rotations (about 28 days).

Legally, this huge area should be producing some major flares. So far it has been very quiet with only a few small M class flares.

> IIA. GEOPHYSICAL ACTIVITY SUMMARY 24/2100Z TO 25/2100Z:  
> THE GEOMAGNETIC FIELD WAS QUIET TO ACTIVE. PROLONGED PERIODS OF  
> SOUTHWARD BZ AND ENHANCED SOLAR WIND SPEED PRODUCED OCCASIONAL  
> ACTIVE PERIODS. THE GREATER THAN 2 MEV ELECTRONS AT GEOSYNCHRONOUS  
> ORBIT WERE AT MOSTLY MODERATE TO HIGH LEVELS.

SOUTHWARD BZ means the direction of the interplanetary field (IMF) is pointing southward, or opposite of its normal orientation. This usually causes minor geomagnetic activity. In this case, nothing severe.

This huge active region, while not producing any major flares yet, is producing copious amounts of energetic electrons traveling outward about the speed of light. The more energetic they are, the higher the electron energy. In the current case, they have exceeded 2MeV (million electron volts) as measured by satellites. This does not effect us on earth much (they get absorbed by our atmosphere), but such high electron flux is a concern to those who operate satellites, as such high flux levels can cause damage to onboard electronics, charge the surface areas with high voltage, etc.

> IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS  
> EXPECTED TO BE PREDOMINANTLY QUIET TO UNSETTLED WITH OCCASIONAL  
> ACTIVE PERIODS ON DAY ONE. ACTIVE TO MINOR STORM CONDITIONS ARE  
> POSSIBLE ON DAY TWO FROM AN EXPECTED CME PASSAGE FROM TODAY'S M1  
> FLARE IN REGION 9169 AT 02/0215Z. A RETURN TO QUIET TO UNSETTLED  
> CONDITIONS IS EXPECTED BY DAY THREE.

> PCAF            YELLOW

There is a YELLOW warning for a possible polar cap absorption event. It is not clear (to me anyway!) whether this is due to the high

electron flux (and higher than normal proton counts), or in anticipation of wednesday's arrival of the CME shockwave.

In either case, hams in northern latitudes, Canada, Alaska, etc. will experience some signal attenuation wednesday for several hours after the shockwave hits. No biggie though.

> IV. PENTICTON 10.7 CM FLUX  
> OBSERVED 25 SEP 226 <----- still quite high!  
> PREDICTED 26 SEP-28 SEP 220/210/200

72, Paul NA5N

-----  
Date: Tue, 26 Sep 2000 11:37:54 -0600 (CST)  
From: "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Cc: Brian Buydens <brian.buydens@usask.ca>  
Subject: [80257] LowFers  
Message-ID: <Pine.OSF.4.20.0009261133380.1092-100000@duke.usask.ca>  
MIME-version: 1.0  
Content-type: TEXT/PLAIN; charset=US-ASCII

I was recently reading an article in TCA about low frequency operation. It got me wondering about 2 things:

1. It would seem that a person could make a low frequency transmitter with a computer sound card and an audio amplifier attached to a suitable antenna. I realize antenna resistance might be a problem if the thing is not set up properly.

2. I remember seeing something on the list about loop antennas for small spaces. Can this be used to get reasonable sized antennas for LowFers operation?

Brian Buydens  
Veterinary Electronic Data Specialist  
Computing Services, University of Saskatchewan  
email: Brian.Buydens@usask.ca  
<http://duke.usask.ca/~buydens>  
VE5RDV

-----  
Did you hear about the two antennas that got married? The wedding was a disaster but the reception was great!

-----  
Date: Tue, 26 Sep 2000 13:48:51 -0400  
From: CoreyKc0goa@netscape.net  
To: qrp-1@lehigh.edu  
Subject: [80258] Re:them kits  
Message-ID: <79858CD1.264A981E.372D3D6F@netscape.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Ok Gang, I got the picture 8-).....Still seems to me if ya got a hit sellr, ya find some more!

Please no response as that was just an observation.  
.....73...Craig.....KC0GOA

-----  
Date: Tue, 26 Sep 2000 11:53:08 -0700  
From: dave\_epps@juno.com  
To: qrp-1@lehigh.edu  
Subject: [80259] New K1e1 Keyboard now available  
Message-ID: <20000926.115316.-241091.1.Dave\_epps@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

K1e1 is now accepting orders for the new K-20 keyboard kit. Has some features not found in other keyboards.  
I have bought other kits from K1e1 and have always been satisfied. Take a look at the info (manual download) at  
<http://members.aol.com/k1e1/> He also has other great kits.  
No connection. He accepts PayPal.  
dave ab5pc morro bay/fresno, ca.

-----  
YOU'RE PAYING TOO MUCH FOR THE INTERNET!  
Juno now offers FREE Internet Access!  
Try it today - there's no risk! For your FREE software, visit:  
<http://dl.www.juno.com/get/tagj>.  
-----

Date: Tue, 26 Sep 2000 13:36:25 -0500  
From: "Joe Spencer" <kk5na@quadj.com>  
To: <joes@tccd.net>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [80260] Re: QRP Rigs for sale  
Message-ID: <01b101c027e8\$af5baa50\$5901060a@us95305252>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

The SWL-20 kit is sold

### 72.3 Joe KK5NA

----- Original Message -----

From: Joe Spencer <joes@tccd.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Sent: Tuesday, September 26, 2000 11:36 AM  
Subject: FS: QRP Rigs for sale

>  
>  
> ... Two NN1G radios for sale .  
>  
> 1. SWL-30 works fine .. In a SWL Enclosure. .  
>     Looks good...works good. .... Price: \$70.00 plus S/H.  
>  
>  
> 2.   SWL-20 Kit - Unbuilt - ( you supply enclosure)  
>       Price: \$45.00  
> plus S/H.  
>  
> Please do not respond to the list... E-MAIL me direct:  kk5na@quadj.com  
>  
> Joe KK5NA  
>  
>

-----  
Date: Tue, 26 Sep 2000 15:05:46 -0400  
From: larrykosch@glasscity.com  
To: qrp-1@lehigh.edu  
Subject: [80261] Dow-Key-What is it



Message-ID: <4.3.2.7.1.20000926145714.00a98bb0@mail.glasscity.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi Gang

Picked up a Dow-Key ant switch at a hamfest and do not know the ratings...Can you help ???

It has part # 78-0402 ...Has 5 BNC connectors on it and is a 4 position...Would like to

know power rating and freq. rating...Mite use it at 100watts...HI HI  
Thanks if you can help...

QRP-L # 364 ARCI # 8012 Larry K8EJU

larrykosch@glasscity.net or k8eju@arrl.net

-----  
Date: Tue, 26 Sep 2000 15:09:15 -0400  
From: "Hare, Ed, W1RFI" <w1rfi@arrl.org>  
To: "'mmfanche@gateway.net'" <mmfanche@gateway.net>, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [80262] RE: ICEPAC HF Propagation Software  
Message-ID: <125490A005E3D3118C9C00805FC743CCB2C653@kahless.arrl.org>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="windows-1255"

Mark,

Give me a call at work sometime; I can step you through a crash course in how to use it.

73,  
Ed Hare, W1RFI  
ARRL Lab  
225 Main St  
Newington, CT 06111  
Tel: 860-594-0318  
FAX: 860-594-0259  
Internet: w1rfi@arrl.org  
ARRL Web: <http://www.arrl.org>  
ARRL Technical Information Service: <http://www.arrl.org/tis/>

> -----Original Message-----  
> From: Mark Fancher [mailto:mmfanche@gateway.net]  
> Sent: Monday, September 25, 2000 7:05 PM  
> To: Low Power Amateur Radio Discussion  
> Subject: ICEPAC HF Propagation Software  
>  
>  
> All:  
>  
> I've been trying to figure out this ICEPAC program that I  
> downloaded from  
> the US Commerce Dept. It seems to be a pretty good program  
> (used by the  
> VOA), but it is very cryptic to me. It came with a manual,  
> but it seems the  
> manual was written for a previous version (very complex batch input  
> procedure).  
>  
> Does anyone have some sort of "primer" on how to use this  
> software ? If I  
> can figure it out, I couldn't beat the price (free)!  
>  
>  
> Thanks!  
> Mark Fancher, W09G  
> mmfanche@gateway.net  
>

-----  
Date: Tue, 26 Sep 2000 14:12:06 -0600 (MDT)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: larrykosch@glasscity.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [80263] Re: Dow-Key-What is it  
Message-ID: <Pine.LNX.4.10.10009261410001.1078-1000000@cannac.ampr.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have the 6 position version and it will handle QRO power. A very well made switch. If you take it apart, don't loose the tiny white ball that falls out....:-)

On Tue, 26 Sep 2000 larrykosch@glasscity.com wrote:

>  
> Hi Gang

>  
> Picked up a Dow-Key ant switch at a hamfest and do not know the  
> ratings...Can you help ???  
> It has part # 78-0402 ...Has 5 BNC connectors on it and is a 4  
> position...Would like to  
> know power rating and freq. rating...Mite use it at 100watts...HI HI  
> Thanks it you can help...  
>  
> QRP-L # 364 ARCI # 8012 Larry K8EJU  
>  
> larrykosch@glasscity.net or k8eju@arrl.net  
>  
>  
>

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

-----  
Date: Tue, 26 Sep 2000 13:32:51 -0700  
From: "Phinizy, William" <wphinizy@filenet.com>  
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>  
Subject: [80264] RE: GDOs  
Message-ID: <C3AF5E329E21D2119C4C00805F6FF58F04B766B5@hq-expo2.filenet.com>

..I inherited a pristine Millen GDO from my dad when he passed away. The thing is so good I can dip it when I put it next to a mayonnaise jar..

Actually, all kidding aside, the comments regarding the tube GDOs seem to hold water from my experience with my Millen. They are pricey, however.

W. H. Phinizy, K6WHP

-----  
Date: Tue, 26 Sep 2000 14:23:47 -0700 (PDT)  
From: Doug Bankston <dougbankston1@yahoo.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [80265] Mint TenTec Corsair II Trade for Argonaut  
Message-ID: <20000926212347.7792.qmail@web4305.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Gang,

I'm looking to trade the following rig for a Ten Tec Argonaut II (model 535).

Mint Condix Ten Tec Corsair II with the matching Power Supply/Speaker and D-104 mic . This is the best looking

Corsair II I've ever seen. You need very good lighting and a magnifying glass to find a scratch (No kidding). I'm a non-smoker. The rig is unmodified, in perfect working condition and it's appearance is best described as museum quality..This rig easily turns down to QRP / QRPp levels on CW & SSB. (You can see a picture of the rig by checking out my post on qrz.com).

I've had other Argonauts but not the Argo II. I've been considering getting an Argo II for years and finally decided to pursue obtaining one. This is the only reason I'm considering trading the Corsair II.

Thanks

Doug Bankston W4IDW Stafford, VA

-----  
Do You Yahoo!?

Send instant messages & get email alerts with Yahoo! Messenger.

<http://im.yahoo.com/>

-----  
Date: Tue, 26 Sep 2000 14:23:46 -0700 (PDT)  
From: Steve Yates <aa5tb@yahoo.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [80266] Re: LowFers  
Message-ID: <20000926212346.18953.qmail@web3004.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Hi Brian,

--- "Brian.Buydens@usask.ca" <buydens@duke.usask.ca> wrote:

> 1. It would seem that a person could make a low frequency transmitter with  
> a computer sound card and an audio amplifier attached to a suitable  
> antenna. I realize antenna resistance might be a problem if the thing is  
> not set up properly.

This may be possible depending on the frequency of operation. If you are talking about the U.S.

LowFER band of 160-190 kHz it is unlikely that the sound card will work that high. Audio amplifiers are another story. Here at work we used a high grade commercial audio power amplifier from about 20Hz to 1MHz for EMC cable susceptibility testing. The amplifier was very expensive though. I can say most are not designed to be that HiFi :-)

> 2. I remember seeing something on the list about loop antennas for small  
> spaces. Can this be used to get reasonable sized antennas for LowFER  
> operation?

Small loops are used very often for LowFER reception and work very well. They are much too inefficient for transmit applications at these frequencies in most cases though except for very short distances.

Here in the U.S., the 160-190kHz range is definitely a QRP band since a power of 1W maximum is allowed. This band is NOT an amateur band since no license is required but I haven't found anyone there yet that is not a ham too.

I have some additional low frequency information at the following URL. Be sure to check out the links at the bottom.

<http://www.geocities.com/aa5tb/longwave.html>

=====

73,

Steve Yates - AA5TB

Fort Worth, TX - EM12gs

<http://www.geocities.com/aa5tb>

[aa5tb@arrl.net](mailto:aa5tb@arrl.net)

-----  
Do You Yahoo!?

Send instant messages & get email alerts with Yahoo! Messenger.

<http://im.yahoo.com/>  
-----

Date: Tue, 26 Sep 2000 16:58:38 -0600 (CST)  
From: "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Cc: Brian Buydens <Brian.Buydens@usask.ca>  
Subject: [80267] Antenna Question  
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I am thinking about building an inverted V antenna. My original thought was to have traps for 15M, 20M and have the full length suitable for 40M.

Then I got thinking that if I started with an antenna for 20M and then added a segment for 40M that could be switch in and out, that I might be able to use the 40M antenna for 15M. One thought that came to mind was that I could attach the two antenna segments with a piece of wire with 2 alligator clips, and remove the jumper for 20M use. However, I have the feeling such an arrangement wouldn't weather well. Does anyone have experience with outdoor switches? Is the whole idea silly to begin with? Would I also be able to attach loading coils at the ends for 80M?

Brian.

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Did you hear about the two antennas that got married? The wedding was a disaster but the reception was great!

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End of QRP-L Digest 1956

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